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THE CLINICAL CENTER
DIVISION OF RESEARCH GRANTS

January 30, 1957

Drs. E. and J. Lederberg
Department of Genetics
College of Agriculture
University of Wisconsin
Madison 6, Wisconsin

Dear Esther and Joshua,

I also want to hail the anniversary of our collaboration. Kiyoshi has written you about the technical details of the galactose inhibition test. We are also interested in trying it in tissue cultures and in tumors since it might provide a valuable tool for studying differentiation of tissues like mammary gland.

What you mention about Gal₃ is very interesting. Huguette Szulmajster has a double mutant from yeast and the Gal₃ may, as you mention, be a particularly important type of a double mutant. The other possibility, the overlapping will be just as exciting. The genetical details would interest a lot. Did the Gal₃ mutant originate through transduction? In that case the 'parent' mutants would be very interesting since they may affect terminal amino acids.

The Gal₃ is being treated with charcoal today!

I would love to come to the University of Wisconsin later in the spring, counting on normal progeny in late April. How about early June?

Kiyoshi was delighted with your offer; he will write you about it. He is lots of fun to have in a department, both scientifically and personally.

Lots of greetings from both of us.

Sincerely,

Herman M. Kalckar

HMK:lh